

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/001655 A1

(51) International Patent Classification⁷: G06G 7/48, 7/58

(21) International Application Number:
PCT/US2002/018790

(22) International Filing Date: 14 June 2002 (14.06.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES OFFICE OF TECHNOLOGY TRANSFER [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): STROBER, Warren [US/US]; 8301 Whittier Boulevard, Bethesda, MD 20817 (US). FUSS, Ivan, J. [US/US]; 4801 Fairmont Avenue,

Apt.# 407, Bethesda, MD 20814 (US). HELLER, Frank [DE/US]; 4521 Windsor Lane, Bethesda, MD 20814 (US). BLUMBERG, Richard [US/US]; 34 LaGrange Street, Chestnut Hill, MA 02487 (US).

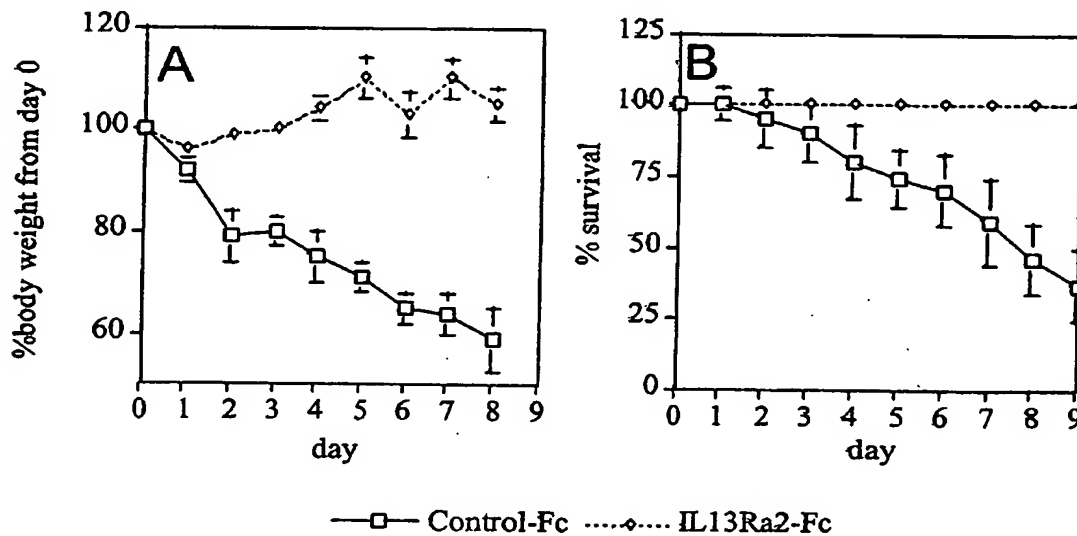
(74) Agents: MILLER, Mary, L. et al.; Needle & Rosenberg, P.C., Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHODS OF TREATING AND PREVENTING COLITIS INVOLVING IL-13 AND NK-T CELLS



(57) Abstract: Method of treating or preventing the inflammatory response of colitis in a subject comprising administering to the subject an effective amount of a substance that modulates IL-13 activity (figure 3). The invention also provides a method of treating or preventing the inflammatory response of colitis in a subject comprising administering to the subject an effective amount of a substance that modulates NK-T cell activity. The invention also provides for the screening of substances that treat or prevent the inflammatory response of colitis.